

Title (en)  
Method for making an Al<sub>2</sub>O<sub>3</sub> film

Title (de)  
Verfahren zur Abscheidung von Aluminiumoxidschichten

Title (fr)  
Procédé de dépôt de couches d'oxyde d'aluminium

Publication  
**EP 1298229 A1 20030402 (EN)**

Application  
**EP 02021725 A 20020925**

Priority  

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- JP 2002123191 A 20020424
- JP 2002167984 A 20020610

Abstract (en)  
An aluminum oxide deposited film of the invention, comprising a substrate film and an aluminum oxide deposit layer of which the peel strength to the substrate film in a wet state is at least 0.3 N/15mm, has an oxygen permeability of not more than 40 ml/m<sup>2</sup>·day.MPa and a water vapor permeability of not more than 4.0 g/ m<sup>2</sup>·day. The deposition ratio (A/B) of a fluorescent X-ray intensity (A) kcps (aluminum K alpha -ray) of the aluminum oxide deposited film (1) to a fluorescent X-ray intensity (B) kcps (aluminum K alpha -ray) of an aluminum deposited film (2) obtained without feeding oxygen is (A/B) ≤ 0.85.

IPC 1-7  
**C23C 14/08**

IPC 8 full level  
**C23C 14/08** (2006.01)

CPC (source: EP KR)  
**C23C 14/08** (2013.01 - KR); **C23C 14/081** (2013.01 - EP)

Citation (search report)  

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**EP 02021725 A 20020925**; CN 02143935 A 20020926; KR 20020057874 A 20020924; TW 91121757 A 20020923